



IN THE CLAIMS:

1. (Currently Amended) An intake system for an internal combustion engine, comprising:  
an intake manifold of the internal combustion engine adapted to receiving an air intake system in alignment with one or more air intake port openings in a mounting surface of the intake manifold; and

an air intake system having a plurality of forwardly disposed air ~~inlet~~ inlets and a plurality of separate air passages leading from the air ~~inlet~~ inlets toward the one or more air intake openings in the intake manifold;

wherein the distribution of air to all parts of the air ~~inlet of~~ intake openings in the intake manifold is substantially uniform; and

wherein each air passage in the air intake system has a ~~decreasing~~ an ever decreasing cross-sectional area along the direction of air flow.

2. (Currently Amended) The intake system of ~~claim~~ Claim 1, wherein each of the separate air passages conveys a substantially equal volume of air therethrough.

3. (Currently Amended) The intake system of ~~claim~~ Claim 1, wherein the internal combustion engine includes a supercharger installed between the air intake system and the intake manifold of the engine, the supercharger having one or more air intake port openings in a mounting surface for receiving the air intake system.

4. (Original) The intake system of Claim 1, wherein the air intake system comprises:  
a body portion including the air passages;

an air inlet housing attached to an inlet end of the body portion and including one or more air valves actuated by an actuating linkage to control air flow respectively into the plurality of air passages; and

a base attached to an outlet end of the body portion for coupling an output port associated with each air passage into the intake manifold of the internal combustion engine.

5. (Original) The intake system of Claim 4, wherein the air intake system further comprises:  
at least one fuel nozzle coupled through the base near the output port of each of the plurality of air passages for introducing fuel into an air stream emitting from each output port of each air passage.

6. (Original) The intake system of Claim 5, wherein the air intake system further comprises:  
a fuel distribution network for supplying fuel to the at least one fuel nozzle corresponding to each air passage, wherein the supply of fuel to the nozzles is provided in cooperation with the actuation of the air valves for admitting air to be mixed with fuel as it is introduced into the internal combustion engine.

7. (Original) The intake system of Claim 4, wherein the body, air inlet housing and base are all fabricated as a single assembly.

8. (Original) The intake system of Claim 4, wherein the body, air inlet housing and base are cast as one piece.

9. (Currently Amended) The intake system of ~~claim~~ Claim 4, wherein the air valve is a butterfly-type valve.

10. (Currently Amended) The intake system of ~~claim 4~~ Claim 1, wherein the air inlets to the plurality of separate air passages are disposed one above the other at the air inlet housing.

11. (Currently Amended) The intake system of ~~claim~~ Claim 4, wherein the air inlets to at least two of the plurality of separate air passages are disposed side-by-side at the air inlet housing to provide a lower profile.